

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
**BIJLSMA et al.**

Examiner: **Vu, Mindy D.**

Application S/No.: **10/560,681**

Group Art Unit: **2884**

Filed: **December 14, 2005**

Confirmation No.: **8506**

Attorney Docket No.: **NL030680**

For: **RADIATION DETECTOR**

**AMENDMENT**

Attn: **Mail Stop AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on May 9, 2007, Applicants submit herewith the following remarks.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.